

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

83496A-01

S E R V I C E N O T E

Supersedes:
NONE

83496A – Clock Recovery Module

Serial Numbers: US4400229 and earlier.

New 83496A CDR Board (Rev 005) available.

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
83496-68001	CDR Assembly – Pretested	1
OR		
83496-69001	CDR Assembly – Refurbished	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY X ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: LABOR: 1.0 Hours + CAL	
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE X SERVICE CENTER	SERVICE INVENTORY: ☐ RETURN ☐ SCRAP X SEE TEXT	USED X RETURN PARTS: ☐ SCRAP X SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: Sept 8, 2007	
AUTHOR: RBS PRODUCT LINE: 8F			
ADDITIONAL INFORMATION: Return failed parts to PL8F via normal SPO Exchange Process. Service Inventory is already Rev 5 – no special action required.			

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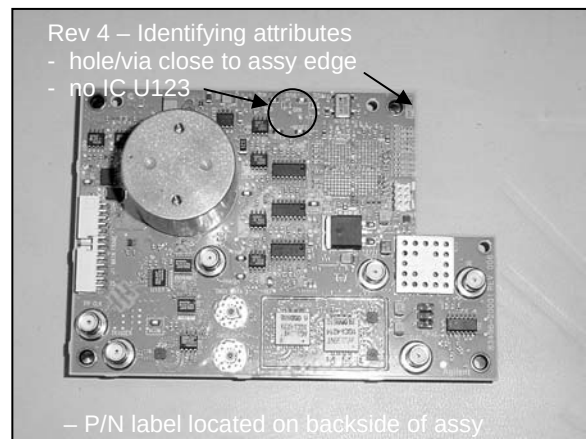
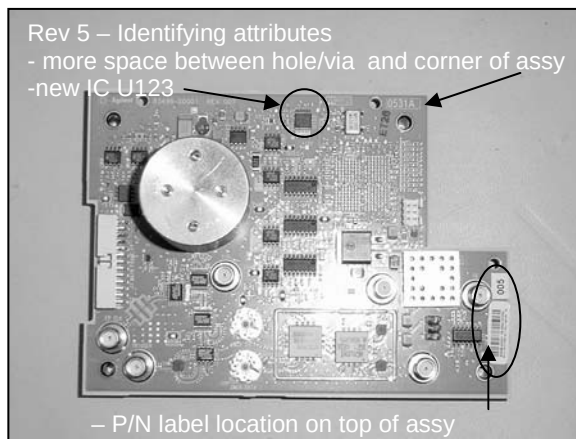
October 13, 2005

Situation:

Early 83496A shipments used CDR assembly 83496-63001 Rev 004 assemblies which required fairly extensive rework (resistor changes, IC change, via modification). 83496A specifications for the Rev 004 and Rev 005 are the SAME, but the rework on Rev 004 assemblies MAY increase the likelihood of field failure slightly.

- ⇒ If the Rev 004 CDR board fails within the first 2 years of shipment, the CDR assembly will be replaced with a Rev 5 (or later) assembly at no cost to the customer.

Starting with S/N US4400230, all new 83496A shipped with Rev 005 assemblies.

**NOTE:**

83496-63001	CDR Assembly – New (used by production)
83496-68001	CDR Assembly – Pretested (this is a pretested 83496-63001)
83496-69001	CDR Assembly – Refurbished

Solution/Action:

1. Order replacement 83496-68001 or 83496-69001.
2. Refer to Clock Recovery Service Guide and replace the A1 assembly.
Time: 1 hour
3. Perform a Commercial Calibration.

End.